

SPECIFICATION

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[A THERMOSETTING POLYURETHANE MATERIAL FOR A GOLF BALL COVER(Corporate Docket Number PU2108)]

Cross Reference to Related Applications

The Present Application is a continuation-in-part application of co-pending U.S. patent Application Number 10/063,979, filed on May 31, 2002. *pending*

Federal Research Statement

[Not Applicable]

Background of Invention

[0001] Field of the Invention

[0002] The present invention relates to a thermosetting polyurethane material. More specifically, the present invention relates to a thermosetting polyurethane material for a cover of a golf ball.

[0003] Description of the Related Art

[0004] Conventionally golf balls are made by molding a cover around a core. The core may be wound or solid. A wound core typically comprises elastic thread wound about a solid or liquid center. Unlike wound cores, solid cores do not include a wound elastic thread layer. Solid cores typically may comprise a single solid piece center or a solid center covered by one or more mantle or boundary layers of material.

[0005] The cover may be injection molded, compression molded, or cast over the core. Injection molding typically requires a mold having at least one pair of mold cavities,